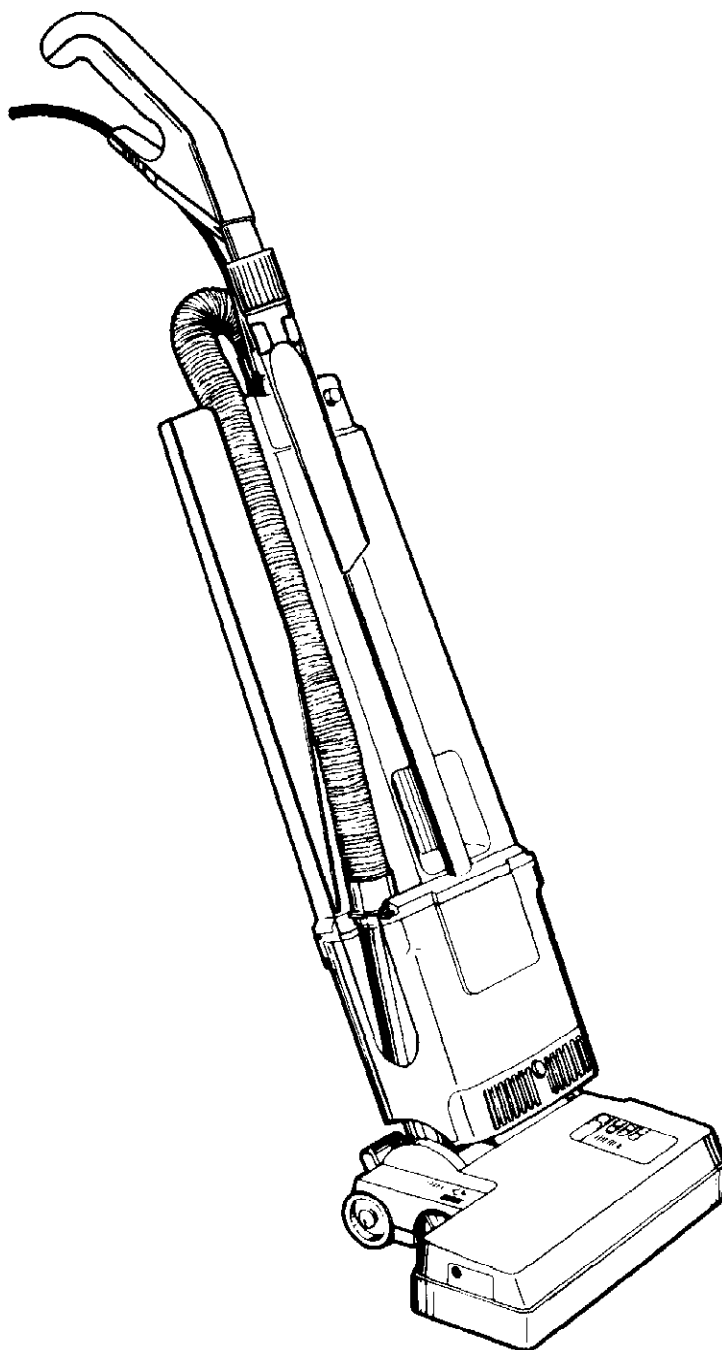


**VS 14 / VS 18**



# IMPORTANT SAFETY INSTRUCTIONS

**When using an electrical appliance, basic precautions must always be followed, including the following**

**READ ALL INSTRUCTIONS BEFORE USING THIS MACHINE**

**WARNING:** To reduce the risk of fire, electric shock, or injury:

1. Do not leave appliance when plugged in. Unplug from outlet when not in use and before servicing.
2. Do not use outdoors or on wet surfaces.
3. Do not use near small children. Do not allow to be used as a toy. Close attention is necessary when used by or near children.
4. Use only as described in this manual. Use only manufacturer's recommended attachments.
5. Do not use with damaged cord or plug. If appliance is not working as it should, has been dropped, damaged, left outdoors, or dropped into water, return it to a service center.
6. Do not pull or carry by cord, use cord as a handle, close a door on cord, or pull cord around sharp edges or corners. Do not run appliance over cord. Keep cord away from heated surfaces.
7. Do not unplug by pulling on cord. To unplug, grasp the plug, not the cord.
8. Do not handle plug or appliance with wet hands.
9. Do not put any object into openings. Do not use with any opening blocked; keep free of dust, lint, hair, and anything that may reduce air flow.
10. Keep hair, loose clothing, fingers, and all parts of body away from openings and moving parts. Do not place fingers or other body parts under vacuum unless unplugged.
11. Do not pick up anything that is burning or smoking, such as cigarettes, matches, or hot ashes
12. Do not use without dust bag and/or filters in place.
13. Turn off all controls before unplugging.
14. Use extra care when cleaning on stairs.
15. Do not use to pick up flammable or combustible liquids such as gasoline or use in areas where they may be present.
16. Machines can cause a fire when operated near flammable vapors or materials. Do not operate this machine near flammable fluids, dust or vapors.
17. Maintenance and repairs must be done by qualified personnel.
18. Connect to a properly grounded outlet only. See Grounding Instructions.
19. Do not use machine as a step.
20. If used on plush carpet or carpet with thick padding, do not leave machine in one place with machine turned on.

## SAVE THESE INSTRUCTIONS

# GROUNDING

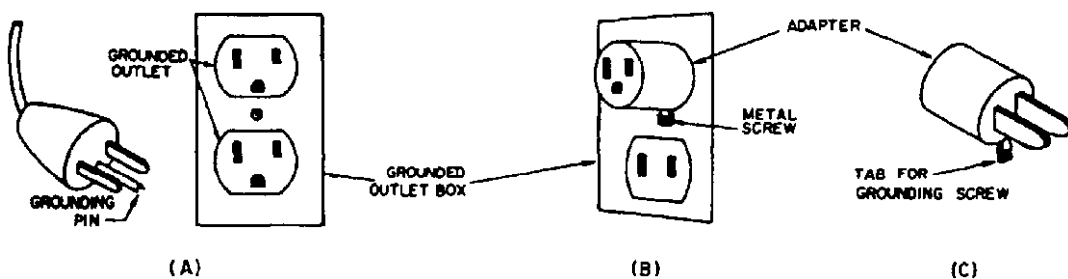
This appliance must be grounded. If it should malfunction or breakdown, grounding provides a path of least resistance for electric current to reduce the risk of electric shock. This appliance is equipped with a cord having an equipment-grounding conductor and grounding plug. The plug must be inserted into an appropriate outlet that is properly installed and grounded in accordance with all local codes and ordinances.

## WARNING

Improper connection of the equipment-grounding conductor can result in a risk of electric shock. Check with a qualified electrician or service person if you are in doubt as to whether the outlet is properly grounded. Do not modify the plug provided with the appliance – if it will not fit the outlet, have a proper outlet installed by a qualified electrician.

This appliance is for use on a nominal 120-volt circuit, and has a grounded plug that looks like the plug illustrated 'in sketch A. A temporary adaptor that looks like the adaptor illustrated in sketches B and C may be used to connect this plug to a 2-pole receptacle as shown in sketch B if a properly grounded outlet is not available. The temporary adaptor should be used only until a properly grounded outlet (sketch A) can be installed by a qualified electrician. The green colored rigid ear, lug, or the like extending from the adaptor must be connected to a permanent ground such as a properly grounded outlet box cover. Whenever the adaptor is used, it must be held in place by a metal screw.

Note: In Canada, the use of a temporary adaptor is not permitted by the Canadian Electrical Code.



# Important Safeguards

Accidents due to misuse can only be prevented by those using the machine. To guard against injury, basic safety precautions should be observed, including the following:

Read and follow all safety instructions.

**WARNING: ELECTRIC SHOCK COULD OCCUR IF USED  
OUTDOORS OR ON WET SURFACES**

This vacuum cleaner is designed to be safe when used to perform cleaning functions. Should damage occur to electrical or mechanical parts, cleaner should be repaired by WINDSOR or competent service station before using in order to avoid further damage to machine or physical injury to user.

A damaged power cord could cause electrical shock and/or fire. To minimize this possibility observe the following precautions:

Do not run cleaner over power cord.

Avoid closing doors on power cord, pulling it around sharp edges, or placing sharp-edged objects upon it.

Wind cord no tighter than is necessary to retain it on the cord hooks.

When disconnecting power cord from electrical outlet, grasp the plug. Pulling it out by the cord itself can damage cord insulation and internal connections to plug.

Your vacuum cleaner creates suction and contains a revolving brush. To avoid bodily injury from suction or moving parts, vacuum cleaner brush should not be placed against, or in close proximity of loose clothing, jewelry, hair or body surfaces while cleaner is connected to electrical outlet. Cleaner should not be used to vacuum clothing while it is being worn. Keep children away from machine when in operation or plugged in.

If used on plush carpet or carpet with thick padding, turn off unit when handle is in upright position. When using accessory tools, keep floor brush off carpet by keeping handle in locked position and lowering handle with one hand to raise brush off floor. Operate accessories with other hand.

Always plug your cleaner into a standard wall outlet. Use of extension cord or light socket with inadequate current-carrying capacity could result in electric shock or fire hazard.

Disconnect cleaner from electrical outlet before servicing, such as changing bags or belts. You could receive bodily injury from moving parts of machine should switch accidentally be turned on. Disconnect cleaner from electrical outlet before detaching powerhead.

Do not use your vacuum cleaner in areas where flammable and/or explosive vapor or dust is present to avoid possibility of fire or explosion. Some cleaning fluids can produce such vapors. Areas on which cleaning fluids have been used should be completely dry and thoroughly aired before being vacuumed.

To avoid fire hazard, do not pick up matches, fireplace ashes, or smoking material with cleaner.

Keep your work area well lighted to avoid picking up harmful materials (such as liquids, sharp objects, or burning substances) and avoid tripping accidents.

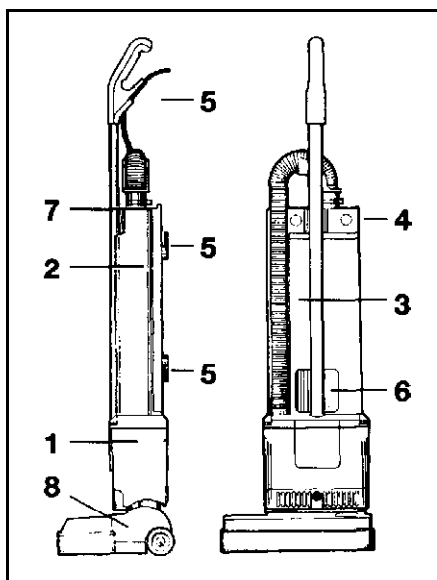
Use care when operating the cleaner on irregular surfaces such as stairs. A falling cleaner could cause bodily injury and/or mechanical damage. Proper storage of machine in an out-of-the-way area immediately after use will also prevent accidents caused by tripping over cleaner.

Store your vacuum indoors in a cool, dry area not exposed to the weather to avoid electrical shock and/or cleaner damage.

Exercise strict supervision to prevent injury when using vacuum cleaner near children or when child is allowed to operate vacuum cleaner. Do not allow children to play with vacuum cleaner and never leave cleaner plugged in and unattended.

## **SAVE THESE INSTRUCTIONS**

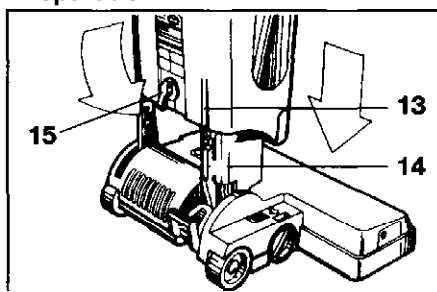
# VERSAMATIC VS 14 / VS 18



- 1 Vacuum motor housing
- 2 Dustbag housing
- 3 Suction hose
- 4 On - off switch
- 5 Cables cleats
- 6 Carrying recess
- 7 Back cover
- 8 Power head

- 1 Turbine d'aspiration
- 2 Emplacement sac poussière
- 3 Flexible d'aspiration
- 4 Interrupteur mise en route
- 5 Support de câble
- 6 Poignée de portage
- 7 Couvercle aspiration
- 8 Ensemble moteur de brosse

## Preparation

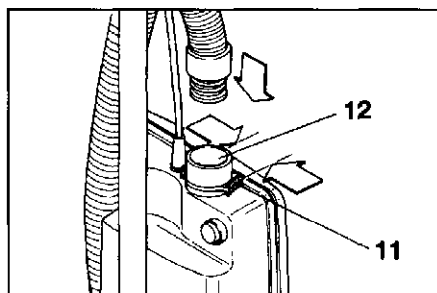


### Assembling the vacuum cleaner

Hold the vacuum section in the vertical position and insert into the power head. Locate the line (13) on the motor housing accurately opposite the rib on the swivel neck (14). The locking catch (15) must be turned to the left during the locating. Secure the vacuum section in place the turning the locking catch to the vertical position.

### Montage - Assemblage

Présenter verticalement la partie aspiration et l'insérer dans la tête de brosse. Aligner le renflement (13) sur celui de l'articulation (14) et enfoncer; Le levier de blocage (15) doit être tourné sur la gauche pendant l'opération. Remettre le levier de blocage en position verticale une fois la partie aspirante mise en place.

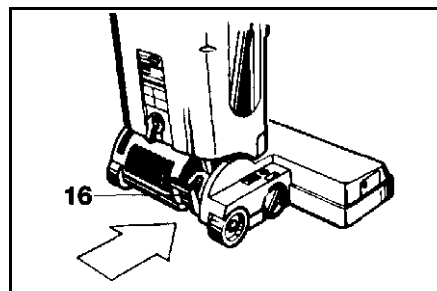


### Attaching suction hose

Push the black end of the hose into the connecting tube (12) so that it clicks into place. To disconnect the hose press the retaining ring (11) and pull the hose out of tube.

### Connexion du flexible d'aspiration

Introduire l'embout noir du flexible dans le tube droit d'aspiration (12) jusqu'à entendre un déclic. Pour déconnecter le flexible, presser de chaque côté du clip de verrouillage (11) et tirer sur le flexible.

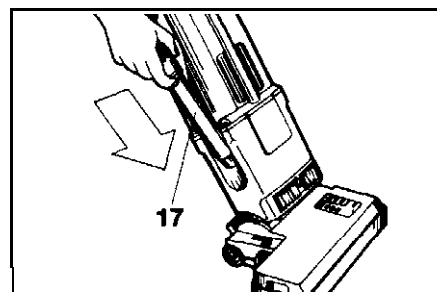


### Swivel neck latch

To release the machine from the upright position depress the foot pedal (16).

### Position de travail

Pour mettre en position et en marche, appuyer sur la pédale (16). Quand l'appareil est sous tension la tête de brosse s'arrête et se met en route avec l'inclinaison de la partie aspirante.

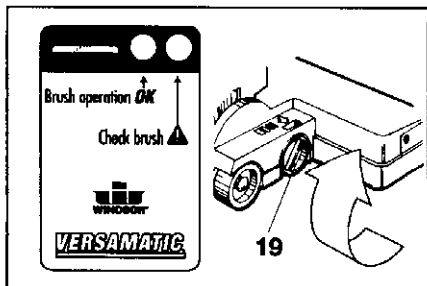


### Power head on

Power head motor stops automatically when hand nozzle (17) is withdrawn and restarts automatically when reinserted. If power head does not start check that hand nozzle is fully inserted.

### Mise en marche de la tête d'aspiration

Le moteur de la tête d'aspiration s'arrête automatiquement quand le flexible à main (17) est tiré et redémarre automatiquement quand il est réinséré. Si la tête d'aspiration ne démarre pas, vérifier que le flexible à main est bien enfoncé.



### Brush controller

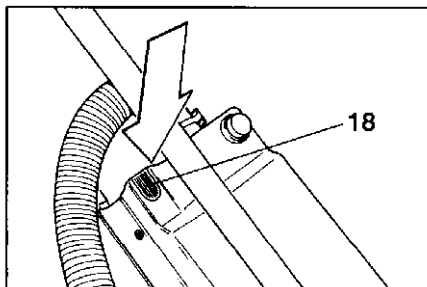
The electronic brush controller monitors the operation of the brush.

**Green light:** Brush correctly set and running.

**Green light and red light:** Adjust the brush setting by turning the Pile adjustment knob (19) to a lower number.

If the lights still show at position number one the brush strip is worn out and must be replaced.

**Red light:** The brush has become blocked and is not turning. Switch off. Unplug from the outlet and clear the blockage.



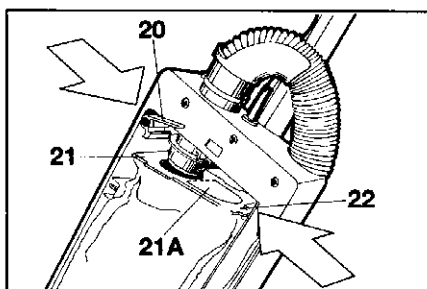
### Filter level indicator

If warning light (18) comes on check:

- Is the dust bag full?
- Is there a blockage in the hose or power head?

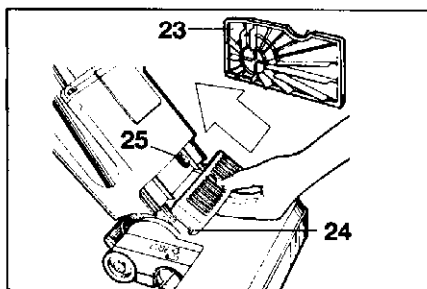
### Maintenance

**CAUTION - Always unplug machine at mains outlet before dismantling any part of the machine. For guarantee use only genuine Windsor-Parts (e.g. Filter Bags, Filters, Brush strip, etc.)**



### Changing the paper bag

To change the dust bag: Remove back cover. Push down lever (20). Lower dust bag from connecting tube. Close aperture of bag top with cardboard cover (21 A). To fit new dust bag: Insert top of dust bag (21) into slot (22). Push lever (20) down and fit aperture of dust bag top over connecting tube. Return lever so that it is in horizontal position.

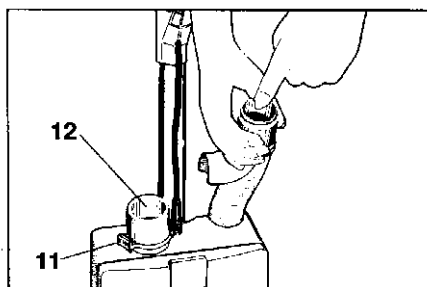


### Changing filters

Vacuum motor filters (23) - Replace after ca. 20 paper bags have been used.

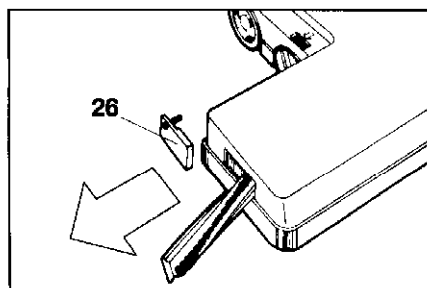
Exhaust filter (24) - Change when it becomes dirty.

Press the button (25) and pull the filter forwards. To insert a new filter, locate the filter into the motor housing and push up until the button (25) engages into place.



### Clearing blockages

If the bag-full warning light shows before the dust bag is full check for blockages. Release the hose by squeezing the tabs of the retaining ring (11). Reverse the hose and put the wand-end into the connecting tube (12). Remove the obstruction by switching on the machine, holding the hose upright. If necessary rapidly lift your hand on and off the end of the hose. Never use a stick to clear the hose.



### Changing the brush strip

To replace brush strip: Remove brush strip cover (26). Turn brush roller so that the brush strip can then be pulled out. Ensure that the new brush strip is fully inserted.

N.B. Replace the brush strip before the bristles wear down to the level of the support rod.

### Contrôleur de brosse

Les voyants lumineux électroniques placés sur la tête de brosse contrôlent le positionnement de la brosse.

**Lumière verte:** Brosse tournant correctement et bien réglée.

**Lumière verte et rouge:** Régler la brosse en tournant le bouton de réglage (19) vers le chiffre inférieur. Si la lumière est encore rouge à la position 1, la barrette de brosse est usée et il faut la changer.

**Lumière rouge:** La brosse est bloquée et ne tourne pas. Arrêter les moteurs et procéder au contrôle qui est souvent un simple nettoyage.

### Indicateur de remplissage du sac:

Si la lampe tension s'allume (18) vérifier:

- que le sac poussière ne soit pas plein
- qu'il n'y a rien de coincé dans les tuyaux ou dans la tête d'aspiration

### Entretien

**Toujours débrancher la machine avant de démonter quelque partie que ce soit.**

**Pour la garantie, employer uniquement des pièces d'origine WINDSOR (Ex. sacs filtrants, filtres, brosse etc.)**

### Changement du sac papier

Pour changer le sac poussière, enlever le couvercle plastique, puis pousser le levier vers le bas (20) et sortir le sac par le bas du tube de connection. Pour ajuster le nouveau sac poussière, insérer son sommet (21) dans la fente (22) puis pousser le levier (20) vers le bas et installer l'ouverture du sac poussière de façon à ce qu'il soit dans une position horizontale.

### Changement du filtre

Filtre du moteur d'aspiration (23) - nous vous conseillons de le remplacer environ tous les 20 sacs poussières.

Quand le filtre de sortie d'air (24) est devenu foncé (sale), il doit être remplacé.

Appuyer sur le bouton (25) et tirer le filtre.

Pour mettre le nouveau filtre, positionner le filtre dans le bas du carter et pousser jusqu'à ce que le bouton (25) se soit remis en place.

### Anomalies

Si le voyant du remplissage du sac s'allume alors qu'il n'est pas plein, vérifier que le tube d'aspiration n'est pas bouché.

Pour le déboucher, inverser le flexible en branchant l'embout noir sur le haut de la machine après l'avoir défilé de son tube.

Mettre l'appareil en marche en levant et secouant légèrement le tube. Ne jamais utiliser de manche, vous risqueriez d'endommager le flexible.

### Changement de la barrette de brosse

Pour changer la barrette de brosse, dévisser la plaquette (26) puis tourner le rouleau de brosse de façon à amener la barrette en face de la sortie. Toujours s'assurer que la nouvelle barrette de brosse est complètement insérée.

# Service Instructions

## Maintenance

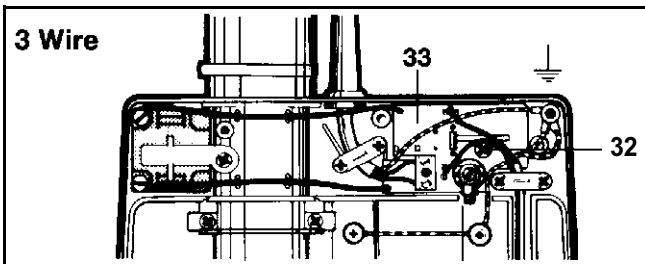
**CAUTION** - Maintenance and repairs must be done by qualified personnel.

**WARNING** - To reduce the risk of electric shock - unplug before cleaning or servicing.

## Entretien

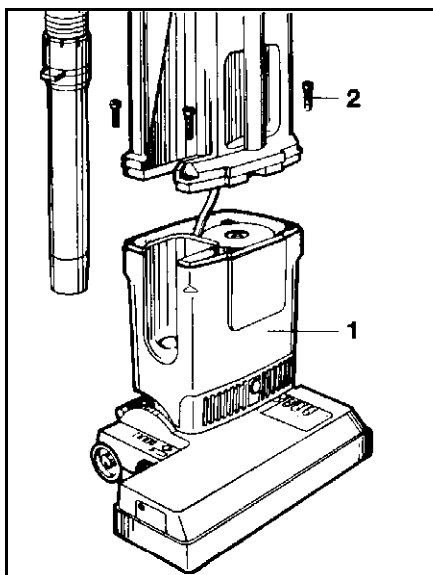
**ATTENTION** - L'entretien et les réparations doivent être effectués par un personnel qualifié.

**AVERTISSEMENT** - Pour éviter les risques de choc électrique débrancher avant le nettoyage ou la maintenance.



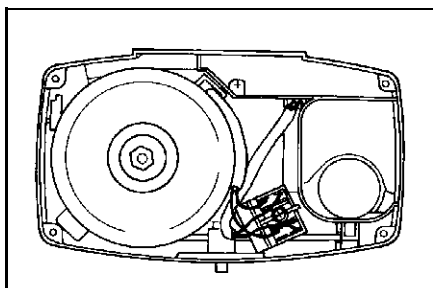
The switch housing cover is removed by taking out the three screws then lifting off. Circuit board (33) can be removed by loosening screw (32).

Le couvercle de protection de l'interrupteur s'enlève après avoir dévissé les 3 vis puis soulevé celui-ci. Le circuit imprimé (33) s'enlève après avoir enlevé la vis (32).



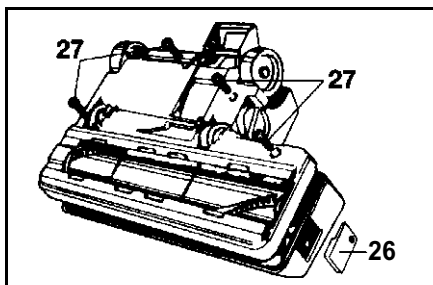
To remove the dust bag housing (2) from the vacuum motor housing (1) take off the back cover and remove the four large screws. Keeping the power head attached, the dust bag housing can be eased off.

Pour enlever le logement du sac poussière (2) du logement du moteur d'aspiration (1) enlever le couvercle plastique et les quatre grandes vis. En gardant la tête d'aspiration assemblée, le logement du sac poussière peut être dégagé.



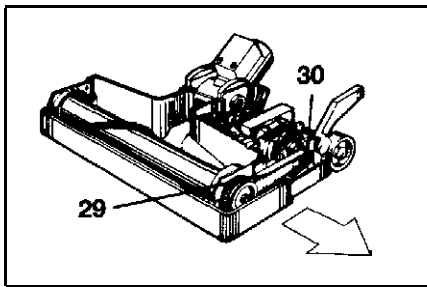
To remove the vacuum motor, first detach the two black wires from the terminal block. When replacing ensure that the motor support is fully located onto the motor cover. The motor cover should then be firmly located onto the vacuum motor and the motor, with its cover and support, firmly seated into position as shown in the vacuum motor housing. When properly seated the motor cannot be turned. Replace motor seal.

Pour enlever le moteur d'aspiration, enlever en premier les deux cables noirs de la barre de distribution. En les replaçant, s'assurer que le support du moteur est bien logé sous le cache noir. Celui ci doit ensuite être fermement logé sous le moteur d'aspiration et le moteur avec son cache et son support fermement mis en position comme montré, dans le logement du moteur d'aspiration. Bien installé, il ne doit pas pouvoir être tourné. Remplacer le "joint" du moteur.



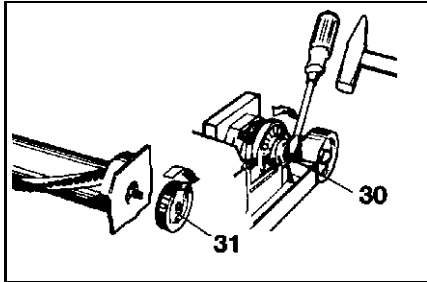
To remove the power head cover, take off the brush strip cover (26) and remove the four large screws (27) from underneath the chassis. The cover can then be lifted off.

Pour ouvrir la tête de brosse, enlever la barrette de brosse en démontant la plaque (26) puis dévisser les 4 grande vis (27) placées sous le châssis. Le carter peut alors être enlevé.



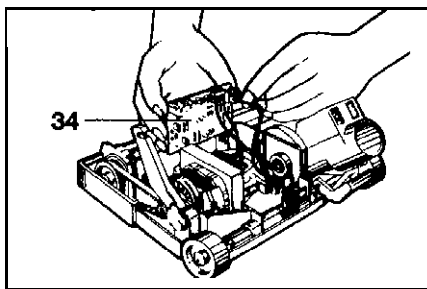
Changing the brush roller:  
Push the belt (29) off the motor pulley (30) and remove the four screws which hold in the brush bearing blocks. Lift out the bearing blocks evenly. When replacing the roller with the bearing blocks, push downwards keeping the roller parallel with the chassis.

Changement du rouleau de brosse:  
Faire sauter la courroie crantée (29) de la partie moteur (30) et dévisser les 4 vis qui tiennent le supports de brosse  
Tirer le rouleau de brosse. Pour remplacer procéder à l'inverse en étant très attentif au positionnement des supports de brosse



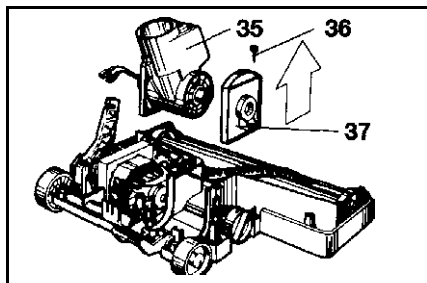
To remove the brush roller pulley (31) hold the roller in one hand and turn the pulley in a clockwise direction.  
To remove the motor pulley (30) insert a screwdriver into a groove and give a light tap in an anticlockwise direction. The loosened pulley can then be removed.

Pour enlever la poulie (31) de la brosse, tenir le rouleau de brosse dans une main et tourner la poulie dans le sens des aiguilles d'une montre.  
Pour enlever la poulie du moteur (30) insérer un tournevis dans le sabot et taper légèrement avec un marteau dans les sens contraire des aiguilles d'une montre.



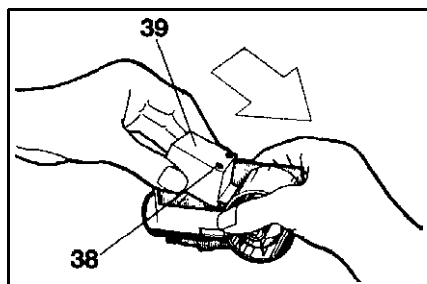
Changing the Electronic Controller (34):  
Disconnect the lead from the motor. Lift the controller upwards from the motor. Lift the controller upwards from its location and then disconnect the lead from the swivel neck.

Changement du contrôleur électronique (34).  
Déconnecter les fils du moteur et tirer.



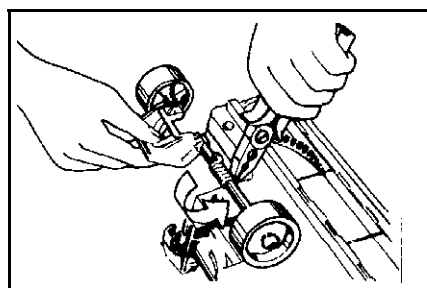
To remove the swivel neck (35), take out the two small screws (36) from the swivel neck supports (37) then lift the swivel neck assembly from the chassis. On re-assembly check that the leads from the swivel neck do not become trapped when the power head cover is replaced.

Pour enlever l'embout pivotant (37) enlever les 2 petites vis (36) qui tiennent les flasques sur le châssis, ensuite tirer l'embout.



To remove the swivel neck cover, take out the retaining screw (38) and slide the cover (39) downwards then lift out. On re-assembly check that the leads do not become trapped.

Pour enlever le carter de l'embout pivotant, ôter les 2 vis (38) et tirer le carter (39).

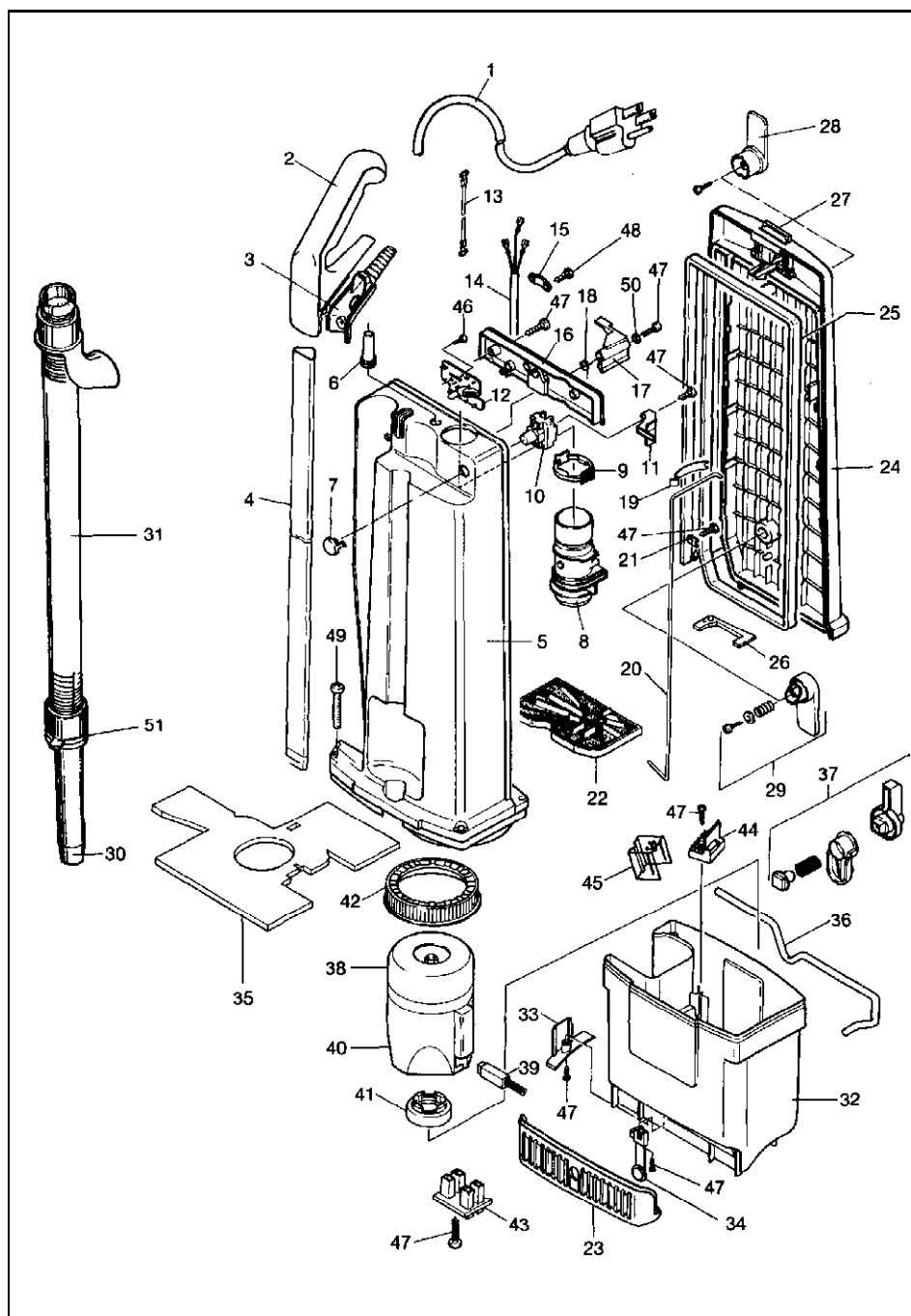


To remove the axle assembly unscrew the three screws and take off the axle clamps. Before replacing, lightly grease the axle.  
To replace, hook one end of the spring on the axle then grip the other end with a pair of pliers and turn about a quarter of a turn. Keeping the wheels at the ends of the axle press the axle assembly back into place.

Pour enlever l'axe complet, dévisser les 3 vis à tête cruciforme et enlever les attaches de l'axe. Avant de remonter, graisser légèrement l'axe. Pour remonter, accrocher un bout du ressort à l'axe puis serrer l'autre bout avec une paire de pince et tourner d'environ un quart de tour. En gardant les roues aux bouts de l'axe remettre l'ensemble en pressant puis visser.

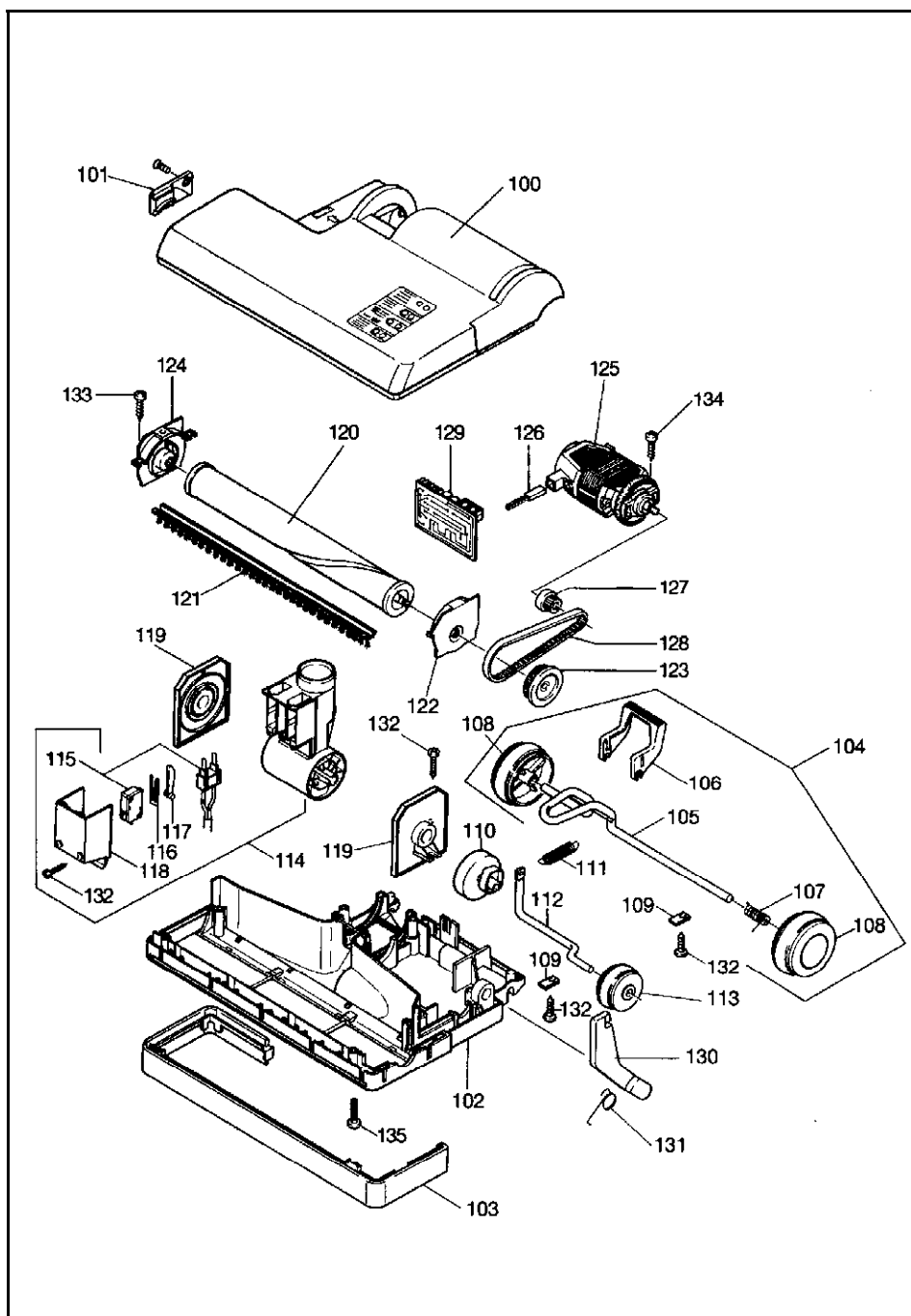


# VS 14 / VS 18



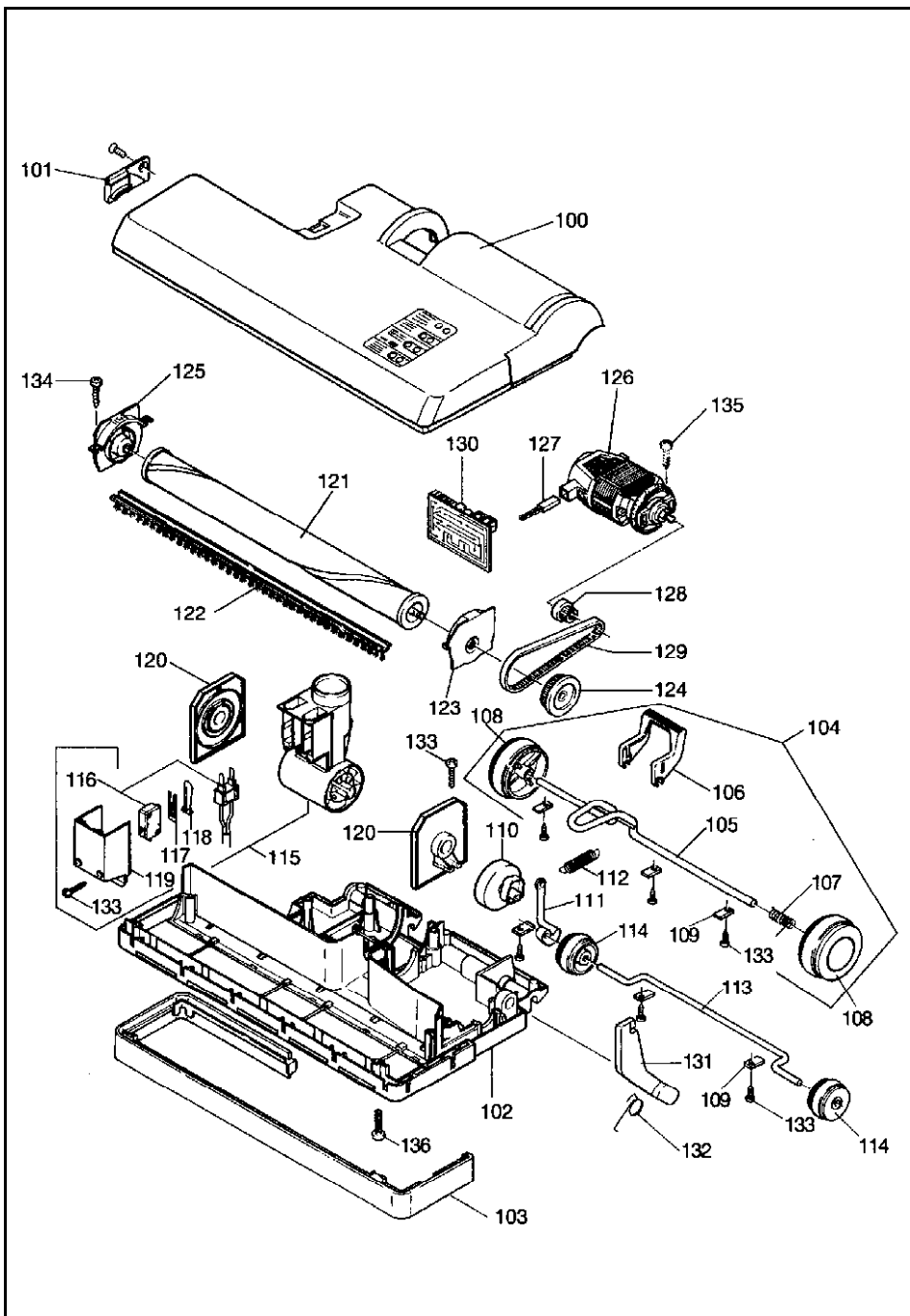
Pos.	Product-Code	Description
1	1910	Cable (VS 14)
	1918	Cable (VS 18)
2	1037 EH	Handle grip
3	1596 hg	Handle cover
4	1794	Handle
5	1949 bl	Dust bag housing
6	1420 hg	Grommet
7	1548 hg	Switch button
8	1038 bl	Connecting tube
9	1792 hg	Retaining ring
10	0517	Switch
	1280	Switch cover
11	1069 UL	Switch holder
12	1477 UL	Printed circuit board
	1281	PC-board cover
13	0818	Antistatic wire
14	1283 UL	Internal cable
15	1030 UL	Cable clamp
16	1026 UL	Switch housing cover
17	1040	Dust bag lever
18	1041	Return spring
19	1027	Leaf spring
20	1025	Connecting rod
21	1073	Clamp
22	1044	Motor filter
23	1534 hg	Exhaust filter
24	1139 bl	Back cover
25	1059	Back cover seal
26	1061	Gasket
27	1057 BL	Latch with spring and pin
28	1461 bl	Cable hook
29	1462 BL	Cable hook, turnable
30	1517 hg	Hand nozzle
31	1516 hg	Hose
32	1797 WI	Motor housing
33	1521 hg	Housing cover r. h.
34	1798 dg	Filter retaining button
35	1896	Sound insulation
36	1553	Locking rod
37	0819 dg	Locking catch
38	1887 UL	Vac motor 120V / 1000W/ lamb
39	0511/1	Carbon brush set / vac mot.
40	1821 UL	Motor cover
41	1411	Motor support
42	1047	Vac motor seal
43	1545 UL	Contact holder 3-wire
44	1265 UL	Terminal block 3-wire
45	1524	Terminal block cover
46	0101	Screw C 3,9 x 9,5 DIN 7981
47	0102	Screw F 3,9 x 13 DIN 7981
48	0103	Screw C 3,9 x 16 DIN 7981
49	0111	Screw AM5 x 30 DIN 7985
50	0140	Washer 4,3 DIN 125
51	1034 hg	Retaining ring

Pos.	Article no.	Designation	Pos.	Article no.	Designation	Pos.	Article no.	Designation
1	1910	Câble (VS 14)	15	1030 UL	Bride de serrage	34	1798 dg	Bouton de filtre
	1918	Câble (VS 18)	16	1026 UL	Couvercle boîtier interrupteur	35	1896	Isolation phonique
2	1037 EH	Poignée	17	1040	Verrouillage du sac	36	1553	Baguette
3	1596 hg	Couvercle de poignée	18	1041	Ressort	37	0819 dg	Verrou
4	1794	Manche aluminium	19	1027	Ressort	38	1887 UL	Turbine aspir. 120 V / 1000 W
5	1949 bl	Logement sac poussière	20	1025	Tringle sécurité	39	0511/1	Charbon p. turbine aspiration
6	1420 hg	Passe câble	21	1073	Bride de serrage	40	1821 UL	Couvercle moteur
7	1548 hg	Couvercle d'interrupteur	22	1044	Filtre moteur d'aspiration	41	1411	Support de moteur
8	1038 bl	Tube de connection	23	1534 hg	Filtre sortie d'air	42	1047	Joint moteur d'aspiration
9	1792 hg	Clips plastique	24	1139 bl	Couvercle arrière	43	1545 UL	Prise femelle
10	0517	Contacteur	25	1059	Joint d'etanchéité air	44	1265 UL	Boîtier de raccord
	1280	Bouton de contact avec protection plastique	26	1061	Joint	45	1524	Couvercle
11	1069 UL	Blocage de l'interrupteur	27	1057 BL	Verrou de couvercle	46	0101	Vis C 3,9 x 9,5 DIN 7981
12	1477 UL	Circuit imprimé	28	1461 bl	Crochet de câble	47	0102	Vis F 3,9 x 13 DIN 7981
	1281	Couverture plastique pour plaque de circuit imprimé	29	1462 BL	Crochet de câble tournant	48	0103	Vis C 3,9 x 16 DIN 7981
13	0818	Câble	30	1517 hg	Tube	49	0111	Vis AM5 x 30 DIN 7985
14	1283 UL	Câble électrique	31	1516 hg	Flexible	50	0140	Rondelle 4,3 DIN 125
			32	1797 WI	Carter de turbine	51	1034 hg	Clips plastique
			33	1521 hg	Carter de logement			



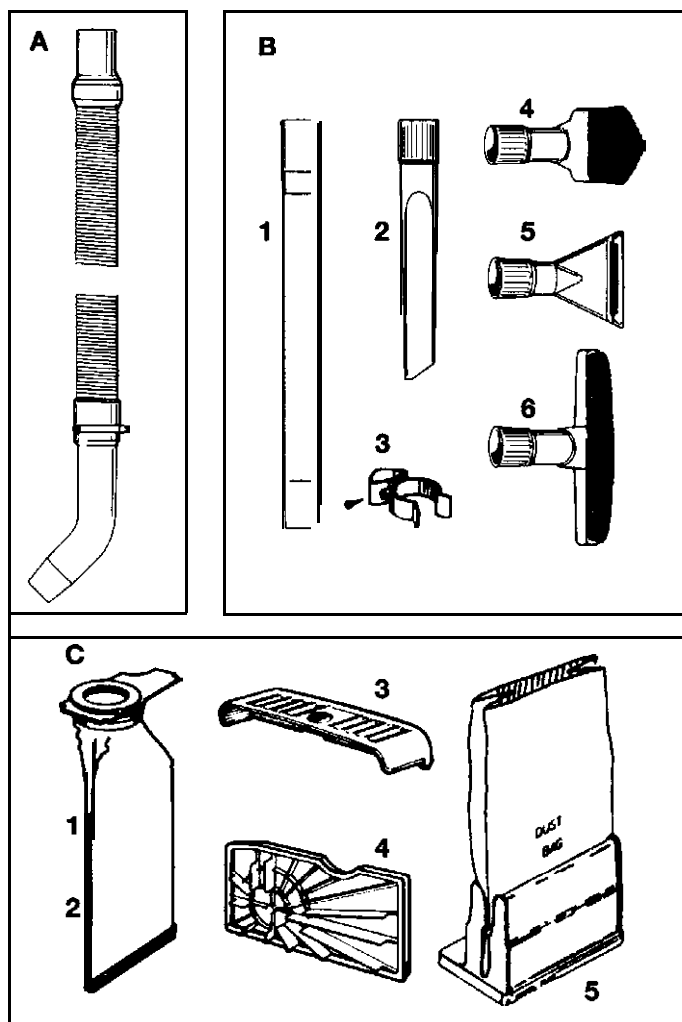
Pos.	Product-Code	Description
100	2635 WI	Cover assembly
101	2542	Brush strip cover
102	2543 BL	Chassis, cpl.
103	2522 hg	Bumper
104	2539 dg	Axle assembly
105	2525	Axle, only
106	2528 or	Foot pedal
107	2010	Axle spring
108	2012 DG	Wheel and end clip
109	2014	Axle clamp
110	2622 dg	Pile adjustment knob
111	4019	Spring
112	2524	Pile adjustment axle
113	4072 dg	Pile adjustment wheel
114	2510 HG	Swivel neck assembly
115	2541 UL	Wire, swivel neck
116	2546	Leaf spring
117	2534	Control lever
118	2530 HG	Swivel neck cover
119	2538	Swivel support
120	2030 ER	Brush assembly, cpl.
121	2046	Brush strip
122	2091	Bearing block l. h.
123	2458	Brush roller pulley
124	2047	Bearing block r. h.
125	2241 UE	Brush motor 120 V, 150 W
126	0512/1	Carbon brush set / brush motor
127	2025	Motor pulley
128	4024	Drive belt
129	2572 ER	Electronic control PC-board
130	2531 hg	Support lever
131	2545	Return spring
132	0102	Screw F 3,9 x 13 DIN 7981
133	0103	Screw C 3,9 x 16 DIN 7981
134	0174	Screw C 3,9 x 22 DIN 7981
135	0111TL	Screw AM5 x 30 DIN 7985

Pos.	Article no.	Designation	Pos.	Article no.	Designation
100	2635 WI	Carter supérieur moteur	119	2538	Support d'embout
101	2542	Couvercle de barrette	120	2030 ER	Rouleau de brosse
102	2543 BL	Chassis, cpl.	121	2046	Barrette de brosse
103	2522 hg	Pare choc	122	2091	Bloc roulement gauche
104	2539 dg	Axe complet assemble	123	2458	Poulie de brosse
105	2525	Axe	124	2047	Bloc de roulement droit
106	2528 or	Pedale de pied	125	2241 UE	Moteur de brosse
107	2010	Ressort d'axe	126	0512/1	Charbon p. moteur de brosse
108	2012 DG	Roue et clips de roue	127	2025	Poulie moteur
109	2014	Bride de serrage	128	4024	Courroie
110	2622 dg	Bouton de reglage	129	2572 ER	Contrôle électrique 120 V
111	4019	Ressort	130	2531 hg	Lever de support
112	2524	Axe de roue	131	2545	Ressort
113	4072 dg	Roue de reglage	132	0102	Vis F 3,9 x 13 DIN 7981
114	2510 HG	Articulation, cpl.	133	0103	Vis C 3,9 x 16 DIN 7981
115	2541 UL	Câble électrique	134	0174	Vis C 3,9 x 22 DIN 7981
116	2546	Ressort plat	135	0111 TL	Vis AM5 x 30 DIN 7985
117	2534	Lever contrôle			
118	2530 HG	Couvercle d'articulation			



Pos.	Product-Code	Description
100	4547 WI	Cover
101	2542	Brush strip cover
102	4529 BL	Chassis, cpl.
103	4522 hg	Bumper
104	4519 dg	Axle, cpl.
105	4523	Axle only
106	2528 or	Foot pedal
107	2010	Axle spring
108	4009 DG	Wheel and end clip
109	2014	Axle clamp
110	2622 dg	Pile adjustment knob
111	4012	Pile adjustment lever
112	4019	Spring
113	4006	Pile adjustment axle
114	4072 dg	Pile adjustment wheel
115	2510 HG	Swivel neck assembly
116	2541 UL	Wire, swivel neck
117	2546	Leaf spring
118	2534	Control lever
119	2530 HG	Swivel neck cover
120	2538	Swivel support
121	4033 ER	Brush assembly
122	4028	Brush strip
123	2091	Bearing block l. h.
124	2458	Brush roller pulley
125	2047	Bearing block r. h.
126	4022 UE	Brush motor 120 V, 200 W
127	0512/1	Carbon brush set / brush motor
128	2025	Motor pulley
129	4024	Drive belt
130	4532 ER	Electronic control PC-board
131	2531 hg	Support lever
132	2545	Return spring
133	0102	Screw F 3,9 x 13 DIN 7981
134	0103	Screw C 3,9 x 16 DIN 7981
135	0174	Screw C 3,9 x 22 DIN 7981
136	0111TL	Screw AM5 x 30 DIN 7985

Pos.	Article no.	Designation	Pos.	Article no.	Designation
100	4547 WI	Carter superieur moteur	120	2538	Support d'embout
101	2542	Couvercle de barrette	121	4033 ER	Rouleau de brosse
102	4529 BL	Chassis	122	4028	Barrette de brosse
103	4522 hg	Pare choc	123	2091	Bloc roulement gauche
104	4519 dg	Axe cpl..	124	2458	Poulie de brosse
105	4523	Axe	125	2047	Bloc de roulement droit
106	2528 or	Pedale de pied	126	4022 UE	Moteur de brosse
107	2010	Ressort d'axe	127	0512/1	Charbon p. moteur de brosse
108	4009 DG	Roue et clips de roue	128	2025	Poulie moteur
109	2014	Bride de serrage	129	4024	Courroie
110	2622 dg	Bouton de reglage	130	4532 ER	Contrôl électrique 120 V
111	4012	Levier d'adjustment	131	2531 hg	Levier de support
112	4019	Ressort	132	2545	Ressort
113	4006	Axe	133	0102	Vis F 3,9 x 13 DIN 7981
114	4072 dg	Roue de reglage	134	0103	Vis C 3,9 x 16 DIN 7981
115	2510 HG	Articulation, cpl.	135	0174	Vis C 3,9 x 22 DIN 7981
116	2541 UL	Câble électrique	136	0111 TL	Vis AM5 x 30 DIN 7985
117	2546	Ressort plat			
118	2534	Levier contrôle			
119	2530 HG	Couvercle d'articulation			



<b>A) Vacuum Extension Hose</b>	<b>1087</b>
Optinal	
<b>B) VSM-Tool Kit - Optional</b>	
1 Straight Tube	1084
2 Crevice Nozzle	1092
3 Clip	1081
4 Dusting Brush	1094
5 Upholstery Nozzle	1090
6 Wall- and Upholstery Brush	1325
<b>C) Bags and Filters</b>	
1 Paper Bag (Pkg of 10)	2003
2 Cloth Bag (only use with Micro-Filter)	1079
3 Exhaust Filter	1534
4 Vac Motor Filter	1044
5 Micro-Hospital-Filter	1435
<b>A) Flexible avec embout</b>	<b>1087</b>
<b>B) Accessoires, speciaux</b>	
1 Tube plastique	1084
2 Buse sifflet	1092
3 Clips de fixation accessoire	1081
4 Brosse poussière	1094
5 Brosse dure	1090
6 Brosse ovale	1325
<b>C) Filtres</b>	
1 Sac papier	2003
2 Sac tissus (seulement utiliser avec Micro filtre)	1079
3 Filtre de sortie	1534
4 Filtre moteur	1044
5 Micro Filtre	1435

**WARNING!** Electric shock could occur if used outdoors or on wet surfaces!

**Avertissement !** Pour réduire les risques de choc életrique, ne pas utiliser à l'extérieur et ne pas aspirer de matières humides!

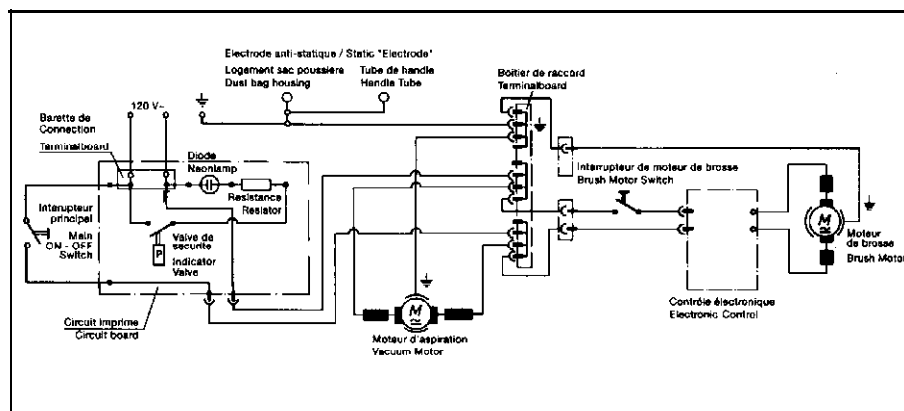
#### Technical Details VS 14 (VS18)

Voltage	120 volt, 60 hz
Vacuum floor	8,6 amp.
Air flow	117cm
Dust bag	1,3 gal., 3-layer
Brush motor	1,4 (1, a) amp.
Brush width	12 3/4 (16 3/4) inches
Brush drive	non slip drive belt with electronic overload protection
Brush strip	replaceable
Height	46 inches
Width	14 (16) inches
Weight	16 (16) lbs

#### Details Techniques VS 14 (VS18)

Voltage	120 volt, 60 hz
Moteur aspiration	900 watts
Colonne d'eau	2040 mm.
Débit d'air	55 l/sec
Moteur de brosse	150 (200) watts
Capacité sac poussière	15,3 litres
Largeur de travail	325 (425) mm
Barrette de brosse	interchangeable
Hauteur	1225 mm
Largeur	360 (460) mm
Poids	8 (9) kg

#### Wiring Diagram / Schema Électrique



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